

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S90	554	((oscillating or vibrating) near2 (compressor or armature))	US-PGPUB; USPAT	OR	ON	2008/11/10 10:02
S91	32	((oscillating or vibrating) near2 (compressor or armature)) and ((current or voltage) adj pulse)	US-PGPUB; USPAT	OR	ON	2008/11/10 10:02
S107	147	(417/44.11).OCLS	USPAT; USOCR	OR	OFF	2008/11/17 09:49
S108	1	S107 and (offset adj voltage)	US-PGPUB; USPAT	OR	ON	2008/11/17 10:15
S109	47	S107 and (pulse)	US-PGPUB; USPAT	OR	ON	2008/11/17 10:16
S112	23	S107 and (offset)	US-PGPUB; USPAT	OR	ON	2008/11/17 10:26
S113	1549	((318/599) or (318/811)).OCLS	USPAT; USOCR	OR	OFF	2008/11/17 11:04
S115	194	S113 and (compressor or pump)	US-PGPUB; USPAT	OR	ON	2008/11/17 11:07
S116	11	S113 and ((compressor or pump) same piston)	US-PGPUB; USPAT	OR	ON	2008/11/17 11:07
S117	1518	(trapezoid\$2 adj (wave or drive))	US-PGPUB; USPAT	OR	ON	2008/11/18 12:57
S118	3	(trapezoid\$2 adj (wave or drive)) same compressor	US-PGPUB; USPAT	OR	ON	2008/11/18 12:57
S119	20	(trapezoid\$2 adj (wave or drive)) same pump	US-PGPUB; USPAT	OR	ON	2008/11/18 12:58

S120	19	("3468257"   "3556684"   "3874822"   "3877840"   "3877841"   "3958902"   "4021152").PN. OR ("4150924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 13:07
S121	1267	(continuous adj (wave or drive)) same pump	US-PGPUB; USPAT	OR	ON	2008/11/18 13:09
S122	1172	(continuous adj (wave)) same pump	US-PGPUB; USPAT	OR	ON	2008/11/18 13:09
S123	2	(continuous adj (wave)) same (piston same pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 13:09
S124	64	(pulse adj voltage) same trapezoid\$2	US-PGPUB; USPAT	OR	ON	2008/11/18 13:10
S125	4	(PWM or (pulse adj width)) same trapezoid\$2 same (pump or compressor)	US-PGPUB; USPAT	OR	ON	2008/11/18 13:16
S126	92	(PWM or (pulse adj width)) same trapezoid\$2 and (pump or compressor)	US-PGPUB; USPAT	OR	ON	2008/11/18 13:18
S127	174	(trapezoid\$2 adj (wave or drive)) and pump	US-PGPUB; USPAT	OR	ON	2008/11/18 13:57
S128	17	(trapezoid\$2 adj (wave or drive)) and (piston same pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 13:57
S129	2	(trapezoid\$2 adj (wave or drive)) and (reciprocating same pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 14:06
S130	4	(trapezoid\$2 adj (wave or drive)) and (plunger same pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 14:09

S131	0	((wave or wave \$form) same (polarity near2 continuous)) and (plunger same pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 14:16
S132	20	((wave or wave \$form) same (polarity near2 continuous)) and (pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 14:16
S133	10	(trapezoid\$2 adj (wave or drive)) and pump	EPO; JPO; DERWENT	OR	ON	2008/11/18 14:16
S134	33	(trapezoid\$2 with (wave or drive)) and pump	EPO; JPO; DERWENT	OR	ON	2008/11/18 14:21
S135	504	(trapezoid\$2 with (wave or drive)) and pump	US-PGPUB; USPAT	OR	ON	2008/11/18 14:29
S136	350	(trapezoid\$2 with (wave)) and pump	US-PGPUB; USPAT	OR	ON	2008/11/18 14:29
S137	22	(trapezoid\$2 with (wave)) and ( piston same pump)	US-PGPUB; USPAT	OR	ON	2008/11/18 14:30
S138	17	((current or voltage) adj pulse) and ((compressor or pump) same (plunger or piston or reciproc\$3)) and trapezoid\$2	US-PGPUB; USPAT	OR	ON	2008/11/18 14:37

11/18/2008 4:47:04 PM

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